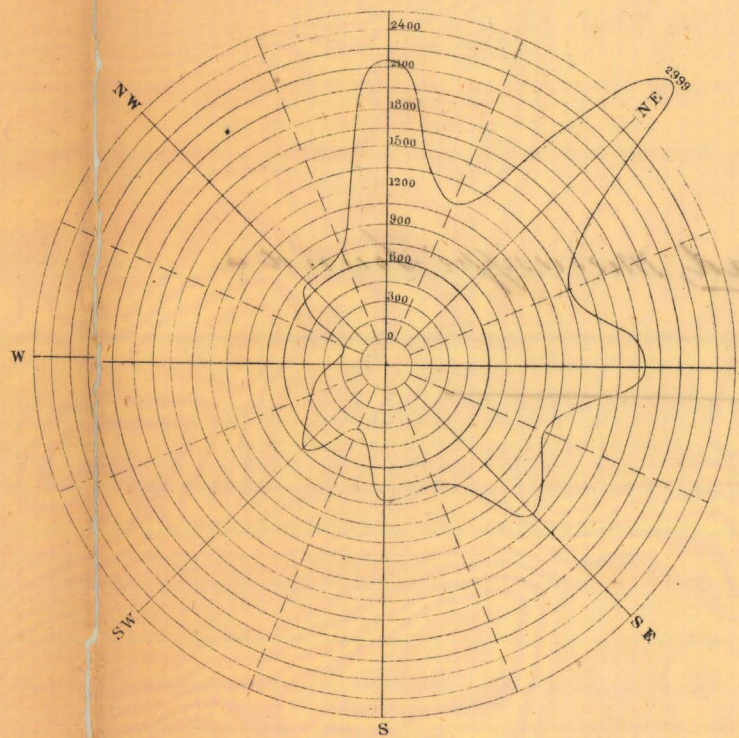


RAREBK  
VK  
982  
.F6  
B3  
1861  
Diagram  
3

U.S. COAST SURVEY  
A.D. BACHE, Supdt.  
**DIAGRAMS**  
Representing the quantity of the Winds  
in the different Months  
and their effect on the level of the Sea  
at  
**CAT ISLAND MISSISSIPPI SOUND**  
From hourly observations  
by the U.S. Coast Survey in 1848  
1856

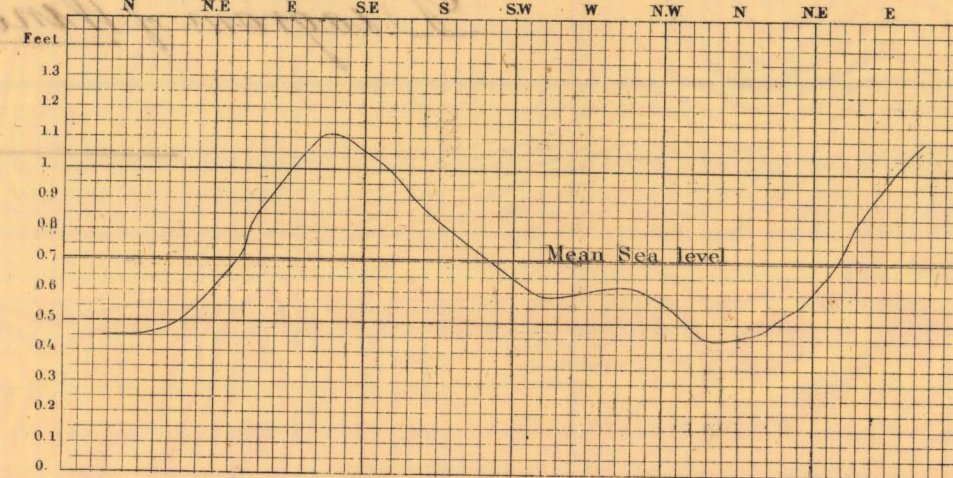
★  
JANUARY



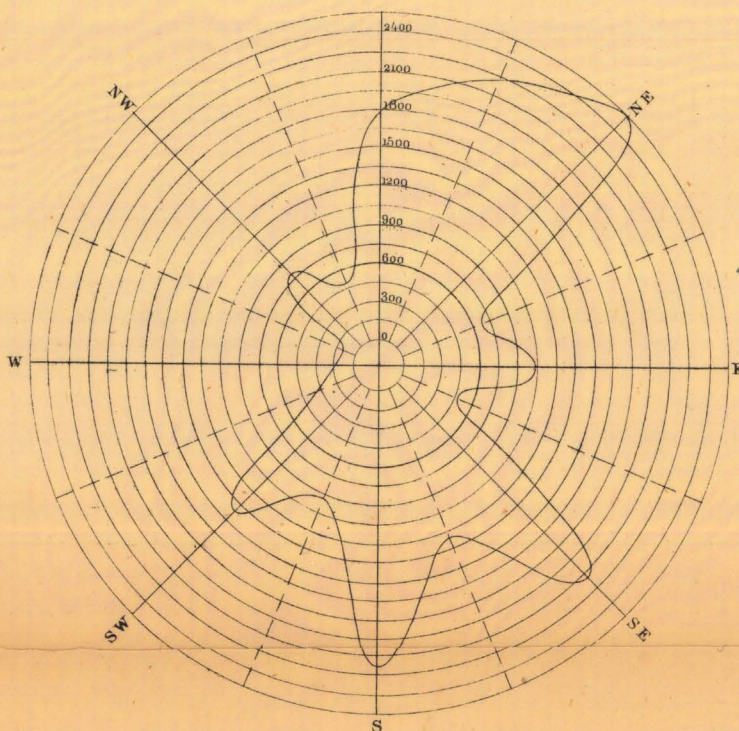
NOTE  
The circumference of the small circle around the center of the diagram is the scale from which the distances are plotted. The space between any two of the concentric circles represents 150 miles. When two months are combined it represents 300 miles, when three months, 450 miles, when twelve months, 1200 miles.

DIAGRAM

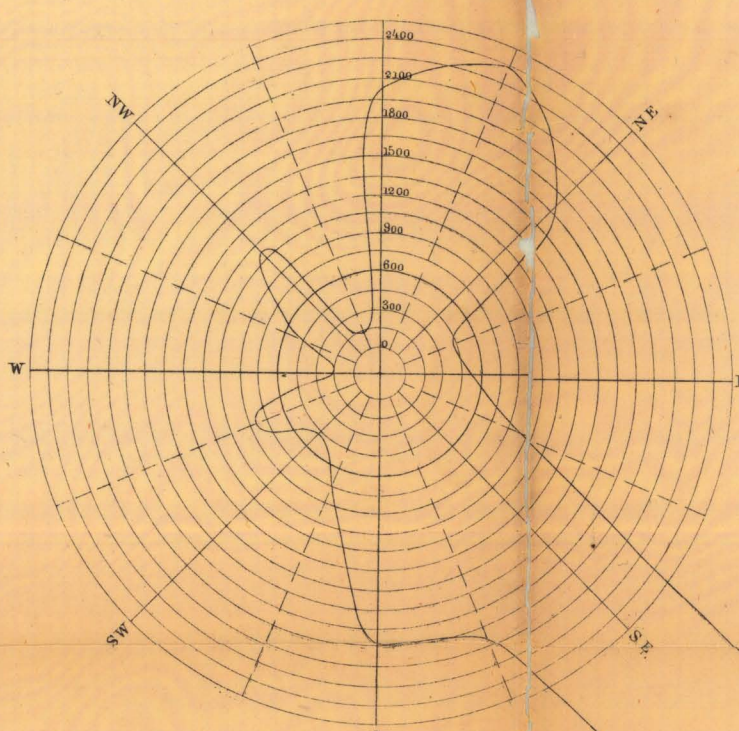
Showing the effect of the Winds in elevating and depressing the Tides as deduced from hourly observations January 1<sup>st</sup> to August 1<sup>st</sup> 1848.



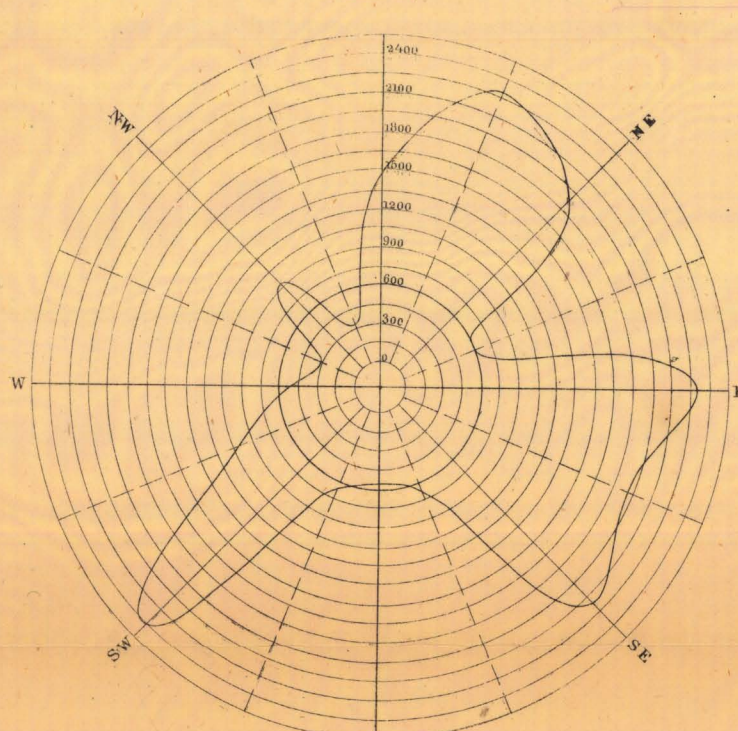
★  
FEBRUARY



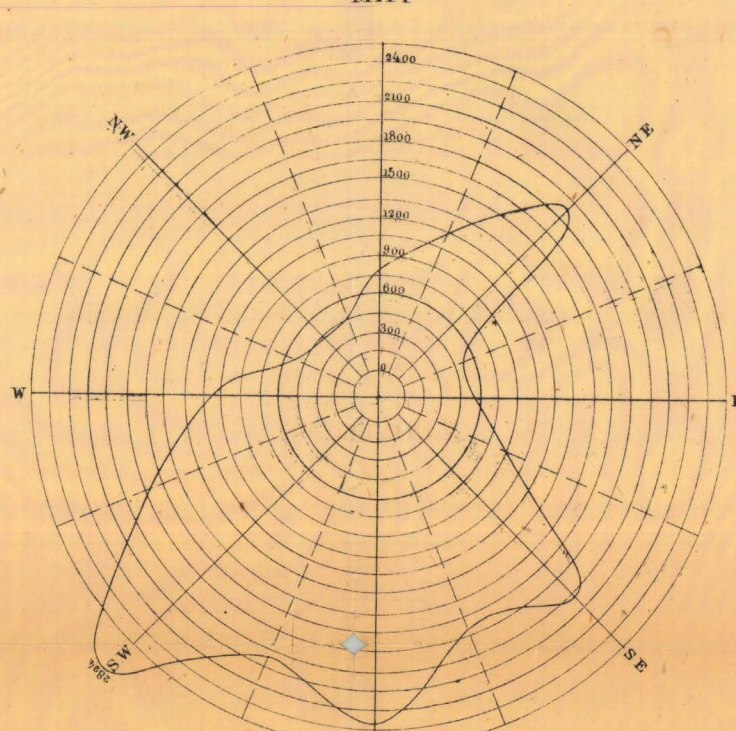
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MARCH



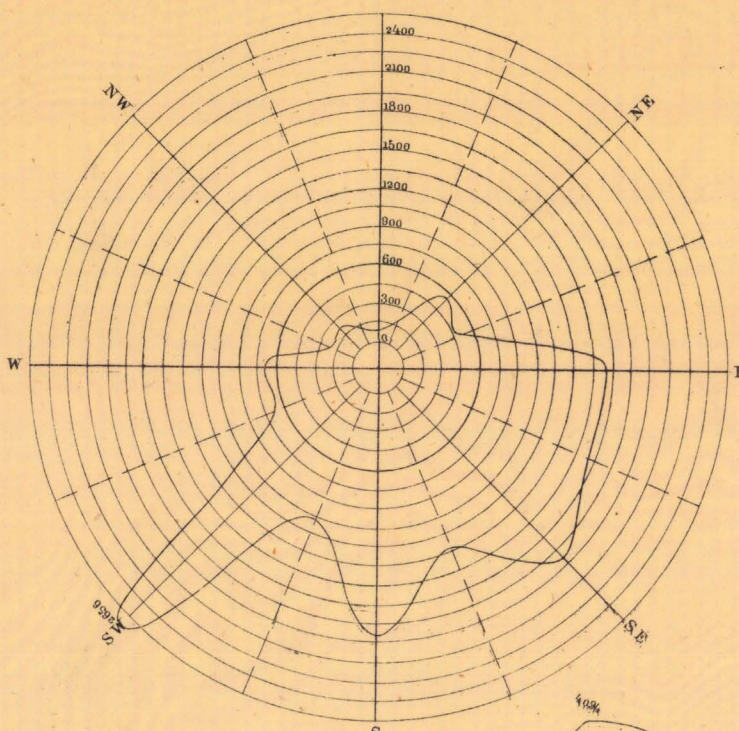
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APRIL



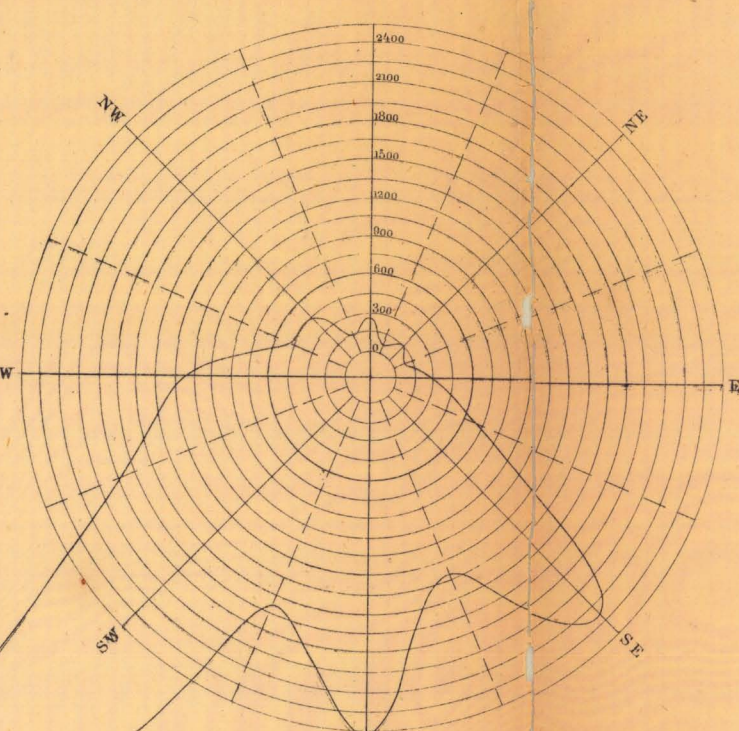
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MAY



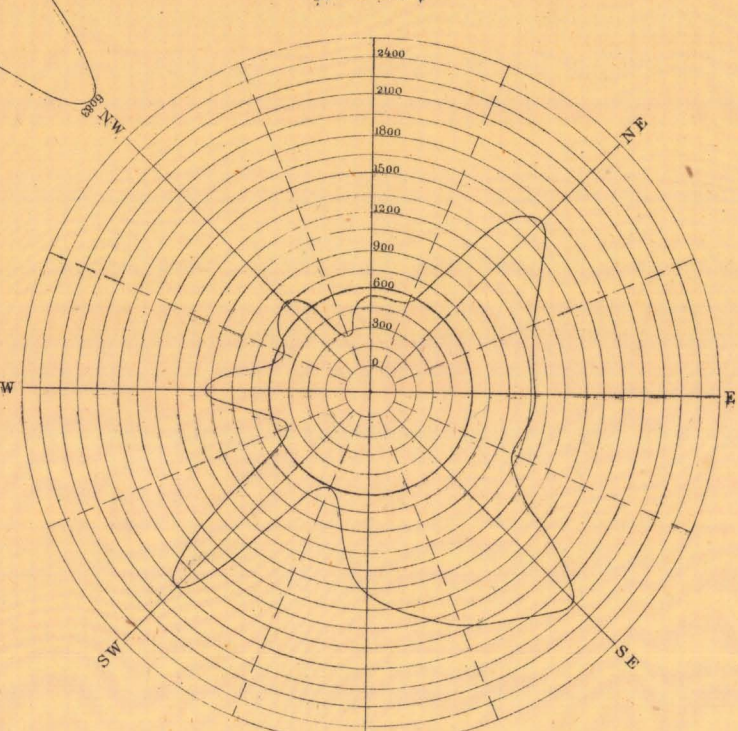
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JUNE



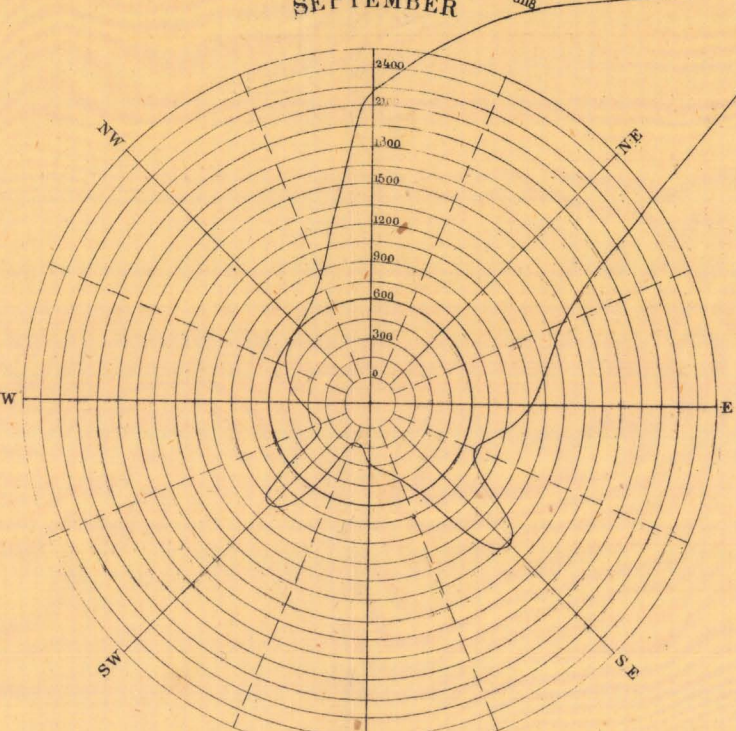
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JULY



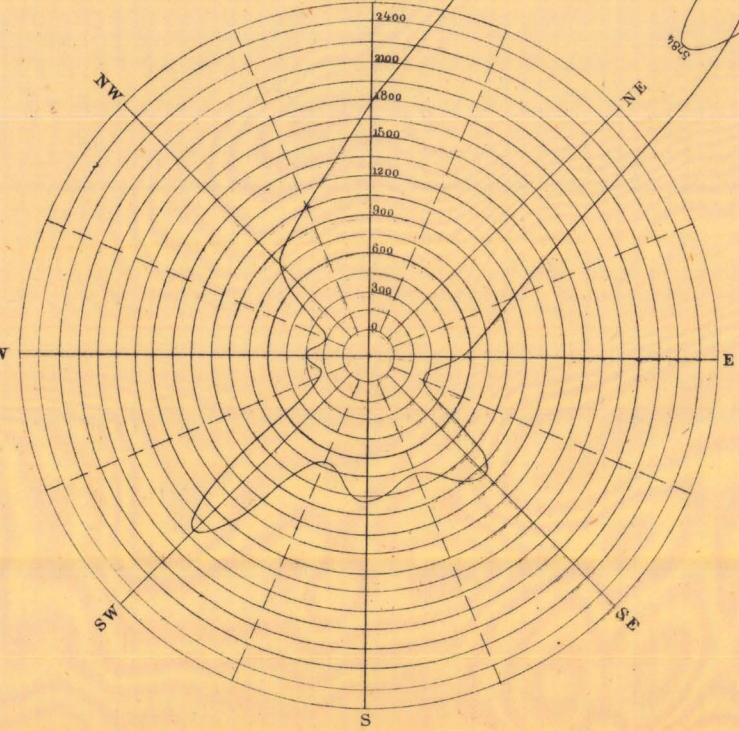
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AUGUST



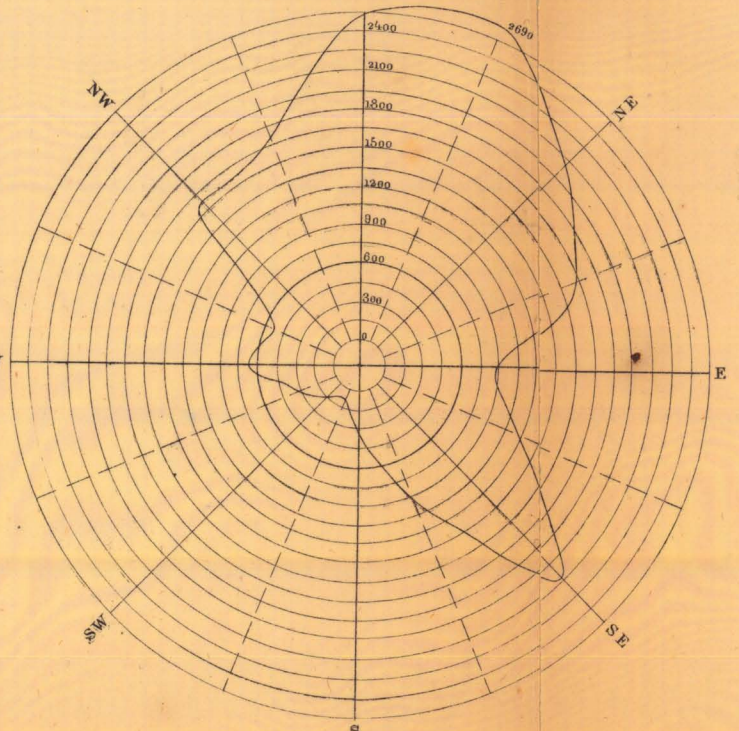
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SEPTEMBER



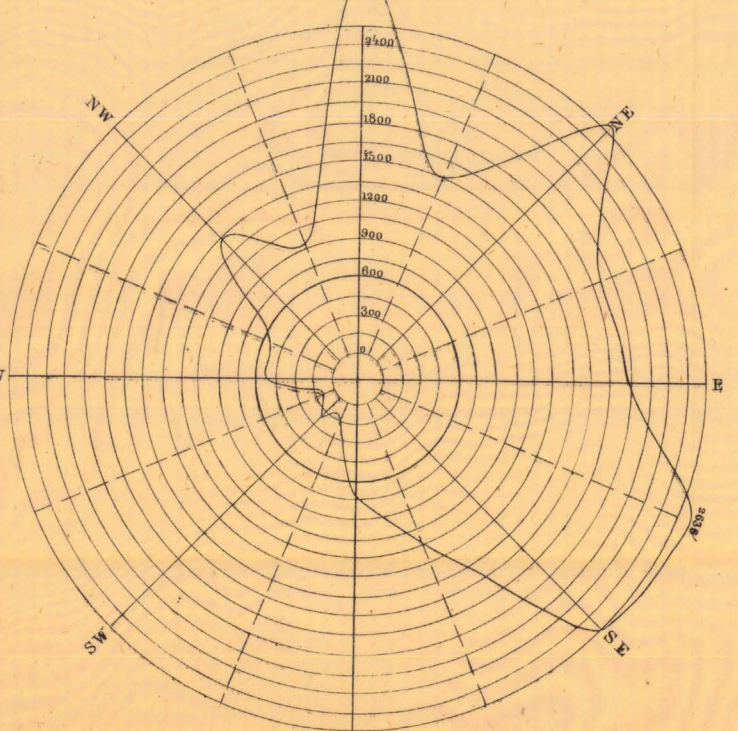
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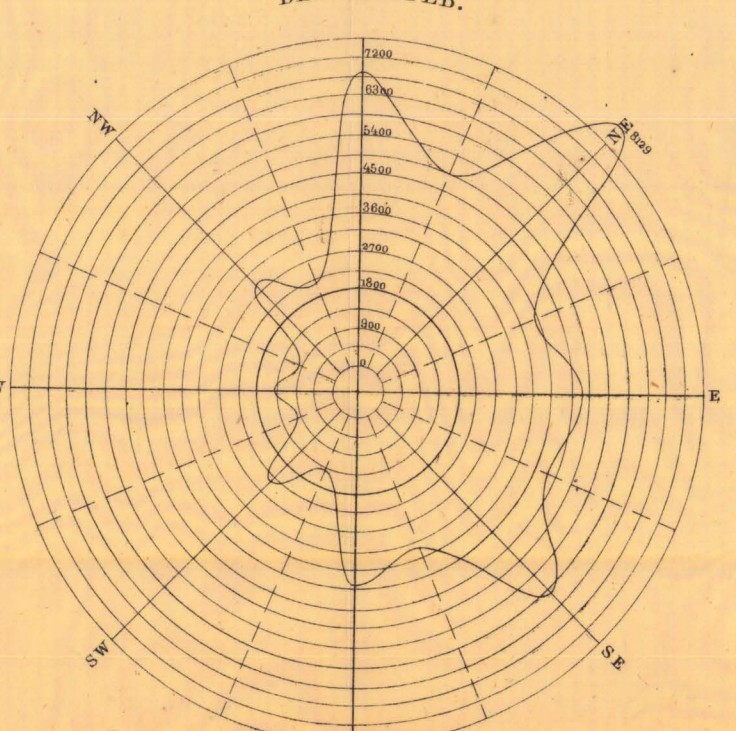
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NOVEMBER



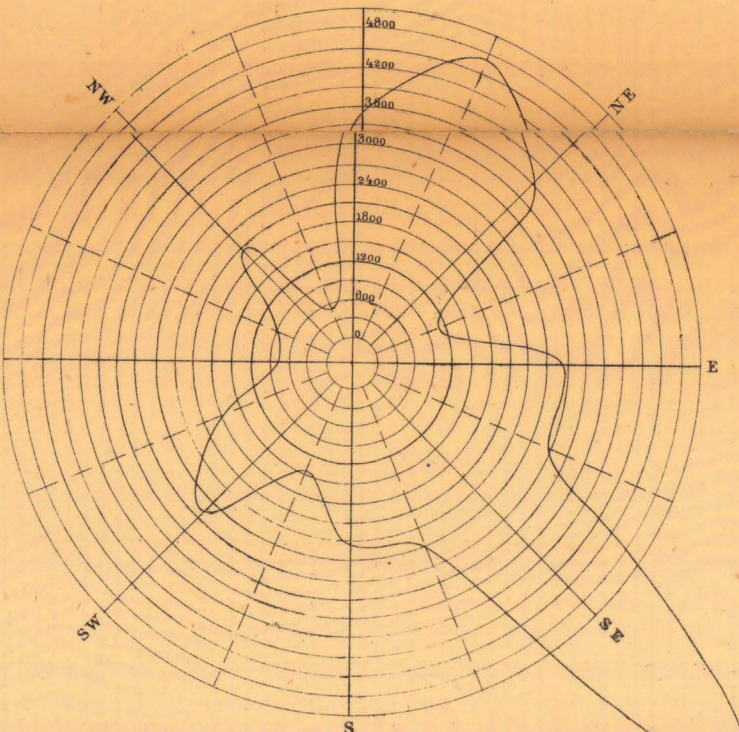
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DECEMBER



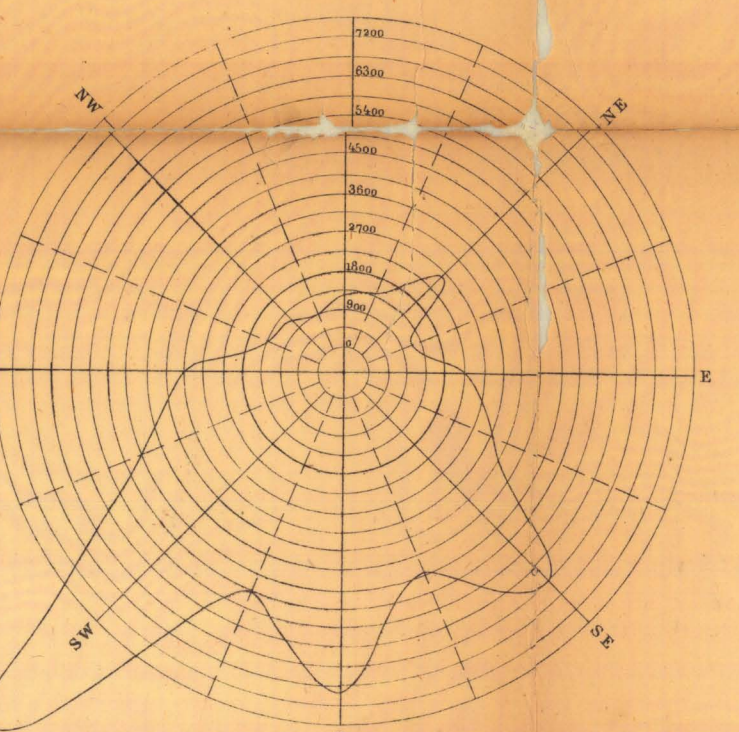
★  
DEC. JAN. & FEB.



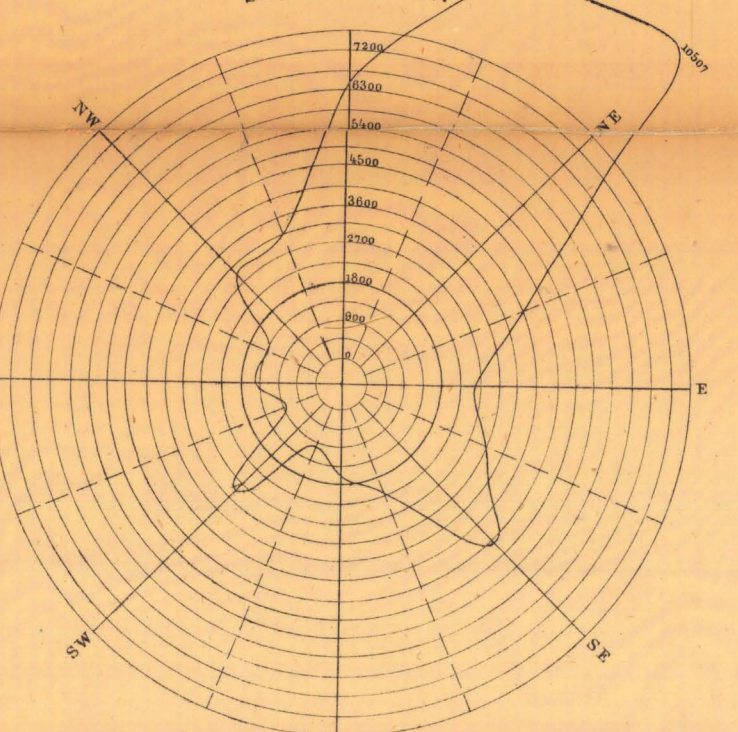
★  
MARCH & APRIL



★  
MAY JUNE & JULY



★  
SEPT. OCT. & NOV.



★  
WHOLE YEAR

